Six-Page Edition.

This Page is from the Daily of Friday, March 24.

PROFESSOR W. P. BLAKE ON THE

Prof. William P. Blake will be remembered by the readers of the Er-ITAPH as one of the experts in the Contention-Head Center case, tried at the last term of the district court in Tombstone. He is celebrated throughout the United States as a learned mineralogist, therefore anything that he writes upon that subject is sought by those interested in the subject of mines or mining. He published in the Mining and Engineering Journal, of March 18, an elaborate article on "The Geology and Veins of Tombstone, Arizona," the paper having been read before the American Institute of Mining Engineers at its last meeting. We reproduce such portions of the article as we deem of most general interest. He says:

In the central portion of the disthe Tough Nut, Good Enough, Way extent that the clothing of the Up, Vizing and others, erosion has exposed the outcropping edges of many strata of limestone, shales and artzites." Both the shale and sod quartzite beds are of deep sea n, being very fine and compact exture, with scarcely any signs of hular structure. The latter, par-larly, is flintlike and very hard, is more exactly described as a culite or honestone. In places, asses insensibly into limestone, arently forming beds of silicious estone. It is, no doubt, largely anic in its origin, and is a very sediment, totally different from typical quartzites, with granular ture, found in the higher parts the series of strata. It evidently, forming, accumulated slowly, beyond the influence of currents at the sea bottom. An abundance of iron pyrites in fine crystalline grains, disseminated through the layers of this rock, gives evidence of its erganic origin in part, at least. This rock has special importance from the fact that miners in the Tough Nut and Good Enough claims find it below the chief ore-bearing limestone. It is regularly and evenly stratified for a thickness of about 140 feet, and rests upon a thickly bedded dolomitic limestone below. The beds above it consist of dark, black or blue limestones, and thick beds of dark argillaceous shale, alternating with black silicious shales for nearly half a mile to the eastward. The black limestones above the novaculite are the chief repositories of the bedded masses of rich silver ore, as will be presently shown.

The whole series of beds in this central part of the district is thrown into folds, being regularly plicated in a series of wave-like flexures, the arnest folds h the northwest of the Tough Nut and Good Enough claims facing the granitic region in that direction. These folds may be traced, but with difficulty, on the surface, but are best seen in the crosscuts of the mines to pass it over the veto, as we conalong the drifts. In the open cut upon the Tough Nut there is a good exposure of some of the beds at the crest of an anticlinal fold. * * * It is directly below this place on the surface where ore was found cropping out, mixed with soil and vein stuff. At another place, upon the western end of the Good Enough, we find a series of plications up and down at about the angles shown, (referring to a diagram) and with rich ore lying in the folds. These folds are not large, covering only a few hundred feet in extent, but are beautifully regular and well defined. As we pass up the hill, rising higher in the series of strata to the eastward. the dip becomes more regular, and ed had to right about face or see coarse-grained quartzites, in thicker beds, take the place of the finergrained deposits. All of the formations named have

not only been uplifted as described, but have been much broken and faulted, either at the time of uplift or at long periods later. This is shown by the number of fissures and crop of dikes of porphyry, and the the part of the other. The wire mills dissimilarity of the stratified beds on each side of them, and the disjointed outcrops of the limestone beds.

The chief fissure and ore-bearing vein of the district traverses the Grand Central and the Contention claims. These claims are located in a north and south direction upon the somewhat obscure croppings of a This location was made by Messrs. White and Parsons. The croppings were not remarkably well defined, consisting of the porphyry and a quartzite alongside; none of these rising above the soil. There was, however, a considerable discoloration of the soil by iron-rust along the line, and a little digging revealed good ore near the surface. The harder parts of the dike were the most prominent, and its direction governed the direction of location of the claim. This dike varies in width from a few feet to 50 or 70 feet, and dips to the westward at an angle of from 55° to 65°. It cuts indiscriminately through shales, quartzites and limestones, and is evidently of igneous origin. The contact, however, stock-boards, the sensible men of the with the abutting edges of the disrupted beds is not always marked by organized companies, raised capital,

there is obscure metamorphism, impregnations of silica, and some modifications of structure. The dike ittions of the dike are so penetrated by quartz as to consist largely of it, close examination will show the presence of feldspar.

There is also a considerable amount of mineralization of the dike by iron pyrites disseminated irregularly in most of which have dissolved out and left the cavities only to indicate their former presence, making in some places a spongy mass of porphyry or of quartz. Although the mine has been worked to a depth of the Contention and adjoining mines, ment. the undecomposed ores below the water line have not yet been reached and mined, and all the ores above are in the decomposed and oxidized condition common to surface ores. A large part of the ore is highly chargtrict, covering the claims known as ed with red oxide of iron, to such an miners becomes saturated with a rouge-like powder, and the tailings at the mills are blood red.

There has been an extensive decomposition of the porphyry, especially along the upper 300 feet of the dike, resulting in the formation of quantities or white-clay kaolin, sometimes perfectly snow-white and pure, but generally more or less mixed with red oxide of iron. This kaolinization extends in places to the adjoining shales, and there are some white, clay-like interstratified beds which may, on further examination, be tound to be altered felsitic offshoots from the dike, It is not .yet possible to say what the exact nature of book. Very convenient references for perthe ore below the water level will be found to be. The only metallic contents so far found, with the exception of the pyrites and some galenite and lead carbonate, are gold and silver in a comparatively free state; part of the gold, if not all, being free, and the silver occurring chiefly as chloride, or horn silver (with probably some iodide) in crusts and films, also occurring in minute crystals upon cleavage surfaces. The average value of silver and gold in the ores worked last year was about \$70 per ton. The gold has of late increased from 20 to 25 per cent of the value of the product.

THE passage of the Chinese bill by the house, without amendments, and by so large a majority-167 ayes to 65 noes-argues well for the sentiment upon this all-important subject in the halls of congress, if not throughout the country east of the Rocky mountains. Should the Presin leading strings as President Hayes was, by any religious sect or denomination, it is doubtful if the requisite sider the full strength of those for and against was brought out in the sage. One remarkable feature in the late great uprising on this subject, in California, was that it was headed by the manufacturers, whereas, the first, in 1878-9 was by the working men and women. The occasion of this has been the extensive manufacturing establishments started by the Chinese, run by their starvation labor, which has ruined the white interests of the entire country, therefore those having capital investthemselves bankrupted.

COPPER.

This metal, says the Mining and Engineering Journal of March 18, still remains in its old position. Manufacturers and producers are quietly awaiting developments, each ready lines of fault, as well as by the out- to catch at any signs of weakness on are reported to be very busy, but the smaller brass concerns complain, and the larger ones do not appear to have any anxiety as to future supplies of raw material. Meanwhile, owing to mild weather, navigation is expected to open much earlier this year, and dike of dioritic porphyry carrying then it will probably prove difficult ore in, through, and alongside of it. for even the larger companies to storcopper from coming here in liberal quantities. Nominally, 191 @ 191e. is asked; but we hear of no transacconfused mixture of porphyry, chert, tions. London cables £65 10s. for Contention. and quartz, with masses of porous Chili Bars, and £71 10s. for Best Selected.

> instant, was quoted at \$6 per share, in New York. This is at the rate of \$1,500,000 for the mine, and dirt cheap at that price.

Nothing Like St. From the Chicago Mining Journal,

Never in the history of the world has mining had such a tremendous boom as at present. Recognizing the vicious influences of speculative country have gone quietly at work, any great change in their appearance purchased paschinery, gone on with the Nugget says, for "aiding and abetting exclusive, is undoubtedly the "Scuth-

those healthful results which are all attendant on well-directe ways effort. The dividends declared show. self has a distinct vertical lamination to some extent, how marvelously sug or structure through most of its sub- cessful the united effort has been stance, and is more or less penetrated The meetings of companies invaby veinlets of quartz. In some por- riably show encouraging prospec tions it is highly crystalline and and a substantial outcome. New nearly barren, and in others consists companies are being formed in every chiefly of a feldspathic base, in which State in the Union, and from the feldspar crystals are obscure. It all directions come reports of passes into a telsite, which, in the willing capital, seeking occupation if decomposed portions of the dike, and the direction of legitimate developwhen slaty in structure, might be ment. The despondent are hopeful mistaken for the partly decayed shales or quartzite. Large porno agency ever obliterates the mine. Fires blot out cities, storms wreck and might be called quartz, although trains and bridges, and hurricanes traverse the continent with direful results: but the mine neither burn nor is damaged by storm, nor is raze by hurricane, nor is affected by cro reports, nor is subjected to financia its substance in cubical crystals, panics; but, like the grand, even re volutions of the celestial orbs space, moves on through time, vield ing forth its precious harvest of mo tallic wealth. Let fools sneer at th miner and put their trust in the fad ing businesses of earth, if they will 600 feet, and there are some 12 to 15 but men with sense and cents wi miles of drifts, levels and winzes in continue to trust in mineral develop

LOCAL SPLINTERS.

UNCLAIMED telegrams: Chris Scow, as Wm. Humphrey.

MR. LENGIR is putting a new porch the front of his great furniture store.

A NEW stock of handsome painting chromos, artotypes, etc., have just been re ceived at Ritter's art rooms. THE report that Charley Smith b

"skipped" is evidently without foundation as he was seen at the Cosmopolitan abou 1 o'clock this afternoon. A little son of Mr. Edmonds died thi

morning of measles. The tune place from his father's resident of Third and Safford streets, this afternoon

B. C. Quigley, at his office, 3 street, has the original map or plan of "Tombstone Mining District" and the Blackburn, J. O. Dunbar, Frank Walker. "Tombstone Mining Map," by Ingoldsby; also, the townsite map and the city block sons tracing property.

Tembstone are requested to meet at the county as may meet with it will resolve lodge room this evening at 7 o'clock, to themselves into a republican mass convenmake the necessary arrangements for the tion. All republicans in Tombstone are burial of Wm. C. Bennett, a member of requested to sign the roll of membership Arizona Lodge No. 4 of Tombstone.

THE case of Pete Spence was called before Judge Wallace at 10 o'clock this night. morning. On motion of the attorney for the defense, Judge Murphy, and with the consent of the district attorney, the case was postponed until Monday.

A LARGE stock of stoves and tinware has just been received by Messrs. Fredericks & Hill. Mr. Fredericks is now at Benson receiving another cargo of goods had many friends who will sincerely consisting of "Charter Oak" cook stoves,

yesterday, is a handsome one, having been to-morrow. manufactured at Newark, N. J., and costing \$1,600 when new. Any one "kicking the bucket" now can get a ride out of town in style.

The large new two-story building of ident veto the bill, which we do not Billy Allen, on Allen street, is being fast Bad weather may be expected until anticipate he will, as he is not held brought to completion. It is sixty feet in the moon changes. length by thirty feet in width and is about tweny-eight feet high. It is the intention of the owner to finish the edifice in fine style and make it one of the hrndsome two-thirds majority can be obtained buildings of the city. The lower portion will be rented.

AN EPITAPH reporter interviewed Councilman Atchison on the sewerage question discussion of the bill before its pas- this merning. Mr. Atchison is on the committee appointed by the city council to consider the subject, and has conversed with a number of prominent citizens of the tion of an ice machine for the comcity about the matter. It would appear as if the council will Let the question drop, as there is not sufficient money in the city treasury to build the sewer, and an assessment they consider hardly just, since cleaned in a more thorough manner property owners of ject to being further taxed on lots and other property, the right | year. and title of which 's so much in doubt.

LOCAL PERSONALS.

Mrs. James Farp and Mrs. Wyatt Earp left to-day for Colton, California, the residence of their husbands' parents. These ladies have 'he sympathy of all who know them, and for that matter the entire community. Their trials for the last six months ave been of the most severe na-

Justice Smith, of Contention, is in town. All quiet at the railroad terminus.

Horace Jones, Esq., of Bisbee, is registe red at Brown's.

Mr. Ben Williams is at Brown's

W. T. Homer and Geo. Smith, of Chicago, arrived in the city yesterday, and are registered at the Cosmopolitan.

Under Sheriff H. M. Woods has gone down the San Pedro as sessing the honest

Deputy Sheriff Breake nridge is busy assessing the citizens of To abstone.

Sheriff Behan, with a posse of twelve cards men, left town at 12:45, going towards

The following passengers passed Colton this morning, bound east: Jno Cooper, W. Ewalt, New Holland; Anna Augus-COPPER QUEEN stock, on the 16th tine, Albuquerque; L. Fisher, Oakland; J. Merrill, J. Chandler, W. Clark, San Francisco: A. L. Collins, E. b. iller, Conn; Z. Messiager, H. Lawson, J. C. Hone, Tucson; Mrs. T. McMillan, Leadville; E. S. Aaron, St. Paul; F. Baker, Demlug; W.

Two More Arrests

a momentary flutter on Allen street, occa- other, and are friendly, but each class sioned by the arrest of O. C. (Charley) is distinctive, each has its own affec-Smith and D. G. Tipton, friends of the tations. Earps. The warrant of arrest 18 for resisting an officer and conspiracy, and not, as the one which would be exclusively or composition, though in places development and are now achieving the Earps." They had no difficulty in ern element." Its prominent repre-

Seamans, John A. Church, , J. C. Calhoun, John R. Far

tional vice-presidents were ste

B. Gage, Josiah White, J. S. as

il in the amount of \$1,000, the

The club will make arrangements for the mass convention to be held in this city on the 8th of April, when it will be called to order by the president, and thereupon ALL Knights of Pythias resident in the club and such republicans of Cochise during the coming week.

Adjourned to meet one week from last

WM. C. BENNETT, a respected citizen of Tombstone, died at his residence on Bruce street to-day at noon, of aneurism of the heart. Mr. Bennett was a native of Cornwall, England, and was well known throughout the entire Pacific coast. He was of a jovial and kindly disposition, and mourn his loss. Deceased was a member of Arizona Lodge, Knights of Pythias, THE hearse, received by Mr. A. J. Ritter | who will conduct the funeral ceremonies

ITEMS AT LARGE.

From the Bodie Free Press, March 16. Providence spread it on pretty thick this time.

ters but this beats them all. But two women were seen on Main

street during all of Wednesday. Take this storm and put 60 degrees below zero on top of it, and you will have an idea of what the Arctic explorers are passing through.

From the Phenix Gazette, 21st. S. D. Lount returned this morning from San Francisco, where he has been superintending the construcpany at Globe.

Water was again turned into the town ditches last evening. The head ditch is reported to have been than at any time during the past

No, said a Phenix young man; I am not disposed to be a bad man; but I expect to go into politics, and so I am engaged to three girls at a time to get well up in lying. From the Prescott Courier, 23d.

Some ten or a dozen placer miners came to town yesterday, loaded their jacks with supplies, and went home to their placer claims rejoicing.

The postal card is, under some circumstances, an infernal nuisance. The man who will send one of these missives chock full of matter intended for only private perusal, is guilty of a gross violation of decency. Some vell meaning people will persist against the dictates of good taste as well as good sense in unbosoming themselves, their own affairs and that of the recipient on these miserable Messrs. H. T. Handy and E. B. Ander- cards, that are passed from hand to son, of Bisbee city, are stopping at the Cos- hand under the eyes of curious pecple. If a private matter is worth writing about it is worth enclosure in a 3-cent envelope, and people who send these missives should bear these facts in mind, and not permit their parsimonious souls to be seduced by the economy of Uncle Sam's pauper

> San Francisco Society. The San Francisco Dramatic Brev-

San Francisco society is peculiarly constituted. It is divided into a half-dozen different crowds or cliques, which, although they meet and to some extent amalgamate, have little or nothing in common. These crowds are known as the "Southern Element," the "Nob Hill people," the Newman, Lima; C. McCroswell, Jr., "Army and Navy," the "English-Michigan. "They men," and the "Hotel Crowd." They are all to be seen at any of the big Last evening, about 5 o'clock, there was receptions; the ladies visit one an-

The largest of these crowds, and

the Hagin, Tevis, Mcrton, Thornton, Ashe, win, Eastland, Blandand Floyd families. of them are ultra

sively popular, are the cople;" Mrs. Hopkins, the Cooks, the Stan-Colton.

hmen" try to keep to 'hey number about a dean is H. B. M's conn. Lane Booker, and cipally at the Eyre's

and Navy" is of course ly of those belonging of, the "service" by Major General and Commodore and Mrs. neral and Mrs. Kautz. popular are Lieuten-

entirely independent above, whose enterainly of an intellecliterary or musical, al dinner party, apclosely than any of hat could be called or citizen element. he Lakes, Wilsons, burners, Holiadays, wifts.

Conspiracy.

strolled into the gropostoffice of one of villages Saturday, g around with his until he was perme-, said:

s I'll read the news ward home. Squire come yet?" and he the postoffice boxes, n, to take it out and

see it, Jehiel," said "government has isany postmaster who abscriber to read a r will lose his posi-

n't tell me? Well, reat idee? It's a put arned conspiracy benewspapers and the gov'ment to keep the multitude in ignorance, so that they can domineer it over the community. And they talk about this ere being a free country. Its drifting right into despotism jes' as fast as it can. How in thunder is a man to know what's going on if he don't read, an' now the government's settin' down on all ideas of eddication, an' takin' away that privilege."

"Oh, not so bad as that, Jehiel." said the postmaster. "The government doesn't say anything against your subscribing for the paper yourself, you know.

"Subscribin' for it! What d'ye take me for? D'ye suppose that I'm goin' to subscribe for a paper that 've read fourteen years right here by the stove without costin' me a cent? No, sir; I ain't a-goin' to help 'em to oppress me by keepin' me in ignorance. No, sir-ee." And having got a supply of cheap plug tobacco "put on the slate," he mogged home-a thoroughly oppressed

(First Publication March 27, 1882.) Application No. 175 for a Patent for the Hendricks Mining Claim.

Application No. 173 for a Patent for the Hendrick's Mining Claim.

United States Landoffee, Notice is hereby given that Philip Corbin, Trustee and the Orion Silver Mining Company, whose postoffice address is care of T. L. Stiles, Tucson, Arizona, have this day filed their application for a patent for 1140 linear feet of the Hendricks mine or vein, bearing copper and silver, with surface ground 600 feet in width, situated is Warren Mining District, county of Cochise, Territory of Arizona, and designated by the field notes and official plat on file in this office as io No. 45, said lot No. 45 being as follows, to wit: Beginving at the initial monument, at the eastern could of the claim, at a stake 4x4 inches, 4 feet high, in a monument of stones, and marked, "H. M. I. Ixi. Mr.," shaft No. 1 of this claim bears south 81° 55 west 150 feet distant, tunnel No. 1 of this claim bears morth 82° 10 west 65 feet distant; thence north 8° 15 west 300 feet to a stake 4x4 inches, 4 feet high, set in a monument of stones, and marked "H. M. II.," whence United States Mineral Monument No. 1, this district, bears north 35° 5° east 1812 feet distant; thence south 81° 55° west 1140 feet to a stake 4x4 inches, 4 feet high, set in a monument of stones, and marked "H. M. III."; thence south 81° 55° west 1140 feet to a stake 4x4 inches, 4 feet high, set in a monument of stones, and marked "H. M. IV."; thence south 81° 55° east 1812 feet distant; thence south 81° 55° east 810 feet to a stake 4x4 inches, 4 feet high, set in a monument of stones, and marked "H. M. IV."; thence south 81° 50° east 1140 feet to a stake 4x4 inches, 4 feet high, set in a monument of stones, and marked "H. M. IV."; thence south 80° feet to the initial monument and place of beginning. Magnetic variation, 12° 25° east; containing always have the location of this mine is recorded in the Recorder's office of Pims county, Arizona, in Book D. Records of Mines, page 33, and also in the recorder's office of Pims county, Arizona, in Book D. Records of Mines, page 33, an

cant.

It is her-by o dered that the foregoing notice of application for patent by published for the period of sixty days (ten consecutive weeks), in the Weekly Epitaph, a newspaper published at Tombstone, Cochise county, Arizona, which paper is hereby designated by ne as published nearest such claim.

HENRY COUSINS, Register.

Notice to Creditors.

LITATE OF A. DELOACH, DECRASED.

No ice is hereby given by the undersigned,
Administrator of the estate of A. Deloach, deceased, to the creditors of, and all pers as having
claims against the said dec-assed, to exhibit them
with the accessors conclusion within four nearths. with the necessary vonchers, within four months
after the first publication of this notice, to the
said Administrator at the store of Tasker & Pridham, corner of Fifth and Allen street, in Tombsione, in the said county of Cochise.

GEORGE PRIDHAM.
Administrator of the Estate of A. Delanca, decensed.

Based at Tombstone, March 16, 1881.

Assessment Notice. Assessment Notice.

City of Tombstone, County of Cachise, Territory of Arizona, March 29, 1882.

To Alfred McAlister your hears or a-signs, you are hereby notified that we have expended one hundred dollars on the Annt Sally mine, lode or ledge, located in Tombstone mining district, County of Cochitse, Arizona Territory, in order to hold said premises under the provisions of the revised statutes of the United States, section 2224, being the amount required to be done to hold the same for the year 1881. And if within ninety days from the service of thi) notice (or within ninety days after this notice, by publication you fail or refuse to contribute your proportion of such expenditure as co-owner, your interest in said claim will become the property of the subscribers under said section.

G. F. REPPY, mch288m

C. D. REPPY.

Notice to Creditors. Notice to Creditors.

I STATE OF M. McCALISTER, DECEASED.

Notice is hereby given by the undersigned, administrator of the estate of M. McCalister, deceased, to the creditors of, and all persons having claims against the said deceased, to exhibit them, with the necessary vouchers, within ten months after the first publication of this notice, to the said administrator, at the law office of Geo. I: Williams, northwest corner of Fourth and Fremont streets, in Tombstone, Cochise county, Arizons.

L. H. HALSTEAD,

Administrator of the Estate of M. McCalister eccased,



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The most complicated causes of defective vision thoroughly diagnosed free of charge. Compound Astigmatic Lenses mounted in two hours' notice

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NEW PATENT POOL ATTACHMENT.

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On account of removing to my new quarters, an the saving of rent—the property being my own —1 will now sell goods 20 per cent less than any other house on the Pacific Coast-

EF SEND FOR CATALOGUE.

For beauty of tone, touch and a

"The Knabe" is absolutely the best

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Who may be suffering from the effects of youthful follies or indiscretions will do well to avail themselves of this, the greatest boon ever laid at the altar of suffering humanity. DR. SPINN EY will guarantee to forfeit \$500 for every case of Seminas weakness or private disease of any kind or character which he undertakes and fails to cure.

MIDDLE-AGED MEN.

MIDDLE-AGED MEN.

There are many at the age of 30 to 60 who are troubled with too frequent evacuation of the blad der, often accompanied by a slight smarting or burning sensation and a weakening of the system in a manner the patient cannot account for. On examining the urinary deposits a ropy sediment will often be found and sometimes small particles of albumen will spear, or the color will be of a thin milkish hue, again changing to a dark and torpid appearance. There are many men who die of this difficulty, ignorant of the cause, which is the second stage of seminal weakness. Dr. S. will guarantee a perfect care in all such cases, and a beaithy restoration of the genito-urinary organs.

Office hours 10 to 4 and 6 to 8. Sundays, from 10 to 11 a.m. Consultation free. Thorough examination and advice \$5. Call or address

10 to 11 a.m. Consultation free. Thorough examination and advice \$5. Call or address
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Tombstone, A. T., December 31, 1881

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> THE READ & THOMPSON

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ing silver-producing mining camp of the Southwest. The ore is all free militing, and of highgrade, and with the development that has been atained in the past two years is now yielding a ballion output of over \$ 00,000 per month, giving handsome returns in both dividends and enhance value of stock to fortunate holders. The attention of the public is called to the stock of the " Mess Consolidated Mining Co.," in this district, as one of the safest and best investments that can be made. Stock with a par value of \$10 per share is of the mines, at \$1 per share, guaranteed against assessment. Send for circular and any other in orantion desired to T. R. SORIN, Secretary Mesa Consolidated Mining Co.,

Tombstone, Cochise County, Arizons

Notice.

To J. D. KINNEAR—YOU ARE HEREBY notified that we have expended one hundred dollars in labor and improvements upon the Mazart mine, of gold bearing ore, situate in the Dos Cabezas Mining District, about two miles northeast of Eweil Springs, in order to hold said premises under the provisions of ections 2324 and 2325 of the Revised Statutes of the United States, and the act of Congresss, approved January 2d, 1881, mendatory thereof; said sam being the amount required to hold the said mine for the year ending 1880. Now, if within interfugive from the publication of this notice, you fail or r fuse to centribute year proportion of such expenditure as a co-owner, you interest in said claim will become the property of the subscribors ander the sections of the revised statutes aformentioned.

JOHN McGREGOR, WILLIAM FOWLER.

Dos Cabezas, Cochise County, A. T.

Assessment Notice.

CITY OF TOMBSTONE, COUNTY OF CO-chise, Territory of Arizona, January 7th, 1882. Chise, Territory of Arizona, January 7th, 1882 To John Crelling: You are hereby notified that To John Crelling: You are hereby notified that one hundred dollars worth of assessment work, as required by law for the year 1881, has been done on Empire mining claim, about one mile south of Iron Springs, in or near the east end of Mule Pass, Mule mountains. Warren District, Cochise county, Arizona, which claim was located June 18th, 1880, and legally recorded June 28th, 1880; that I have paid the share, of expense for said work due from you and unless you repay the same to me, together with cost of this notice, within ninety days from the period of its publication, your interest in said mining claim will be forfeited. Assessment Notice.

TO JOHN YEAGER, WM. SIMMONS AND D. E. Este, or their heirs or assigns: You are hereby notified that the undersigned, J. W. Beard, has completed the assessment work for 1881, as required by law on the Mountain Queen mine, situated in Huachuca Mountains, in what it known as Montezuma Canyon (located March 3, 1880) Cochise county, Arizona i erritory, and that your proportion of the cost of said assessment work, amounting to \$50 (\$20 cach), and the cost of publication of this notice is now due and payable to me. And notice is hereby further given that, if before the expiration of ninety (80) days from the first publication of this notice, you do not pay your pention of said expense legal, all your right, title and interest in and 10 said mine will be forteited to me, as provided by law.

J. W. BEARD,
Tombstone, A. T., December 31, 1881. H. H. TUTTLE.

S HEREBY GIVEN TO A. P. TAYLOR AND Is HEREBY GIVEN TO A. P. TAYLOR AND all persons claiming under you that you have falled to perform your proportion of the assessment work on the Altamont mine, Dragoon Mountains, Cochise County, Arizona Territory, for the year ending December 31, 1891, and the same having been done by the undersigned in accordance with law, this is to notify you that if you fail to pay your proportion of said work within the time pressribed by law, your interests infinid mine will cease and become the property of the undersigned by virtue of section 2324, Revised Statutes of the United States.

Tombetone, A. T., March 11, 1882. m13 3m

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